ILE NOTATIONS	Checked by Chief	PARB	
Entered in N1D File	Copy NID to Field Office	***************************************	
Entered On S R Sheet	Approval Letter		• 1 * 1 * 1 * 1
Location Map Pinned Card Indexed	Disapproval Letter		
I W R for State or Fee Land		7 7 S	
Date Well Completed 10-80.	Location Inspected Bond released State of Fee Land	*************	
GW OS PA	LOGS FILED		
Driller's Log.	GR-N	Migro	+
E-1	Sonic GR Others	- work ca	yes

LWP 6-11-92

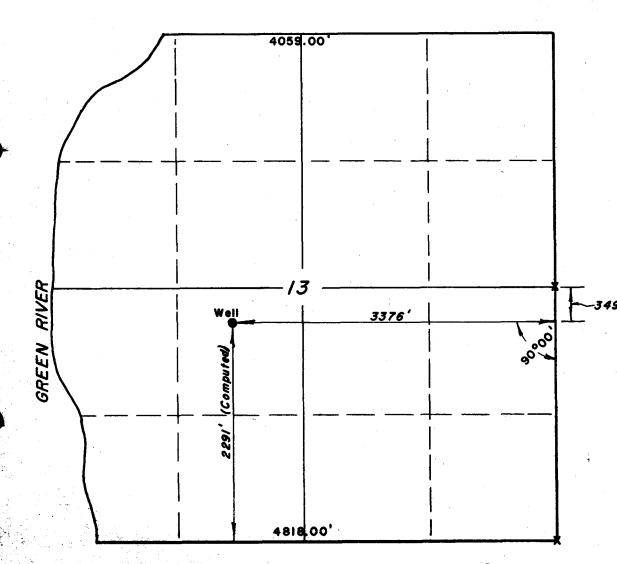
SUBMIT IN T ICATE* (Other instru ns on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. **GEOLOGICAL SURVEY** U-019461 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. TYPE OF WORK 7. UNIT AGREEMENT NAME DEEPEN DRILL 🗷 PLUG BACK 🗌 b. TYPE OF WELL <u>Uteland Mine Federal Unit</u> MULTIPLE WELL GAS WELL SINGLE ZONE 8. FARM OR LEASE NAME OTHER ZONE 2. NAME OF OPERATOR Utaland Mine Unit The Shamrock Oil and Gas Corporation 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT Box 11608, Salt Lake City, Utah 84111 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) Wildoat At surface 2,291' from the south line and 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA At proposed prod. zone 376' from the east line Sec. 13, T98, R19E, NW NE Salt Lake Meridian 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFIC Uintah Utah 15. DISTANCE FROM PROPOSED* 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL DISTANCE FROM FRANCISM LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any) 20. ROTARY OR CABLE TOOLS 18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5400 rotary 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 22. APPROX. DATE WORK WILL START* not available $\overline{23}$. PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 21. F350 J 8-5/8= 2001 Coment to circulate thru all potential producing sones 14-15.50 Estimated Formation Tops: Hinta Green River Estimated total depth 5400 To test potential producing somes in the Green River formation. We plan to use air as a circulating medium. ~ The Uteland Mine Federal Unit has now been approved, and the unit number is 14-08-0001-8715. 9-27-65 IN ABOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. $\overline{24}$. District Geologist DATE September 24, 1965 TITLE

(This space for Federal or State office use) PERMIT NO. APPROVAL DATE APPROVED BY DATE TITLE CONDITIONS OF APPROVAL, IF ANY:

T9S, RI9E, SL B & M



PROJECT

SHAMROCK OIL & GAS CO.

WELL LOCATION LOCATED AS SHOWN IN THE NE 1/4-SW 1/4, SEC. 13, T9S, RISE, SL-B & M, UINTAH COUNTY, UTAH.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM PIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND SELIEF.

REGISTERED LAND SURVEYOR REGISTRATION Nº 2454 UTAH

X = Corners Located (Set by UOITL-pipe with galvanized cap)

Uintgh Engineering & Lond Surveying

I" = 1000'

LO AUGUST, 1995

PARTY NU-TW

CO Tomando Flot 1800

Sumock Rafth Thompson-Shammed sec 13 T9S R 19E NW, NE, SW Detteland Menie #1 3376' FEL OKK 151 fl off -> Unortholes Unit wille gford nest 9 140 (151) At to for north Due to topogo Vokedod and 25 Willow Creek bed south of properly well location. Save verbal offrevol -9/24/65

October 7, 1965

The Shamrock Oil and Gas Corporation P. O. Box 11608
Salt Lake City, Utah 84111

Re: Notice of Intention to Drill Well No. UTKLAND MINE FEDERAL UNIT #1, Sec. 13, T. 9 S., R. 19 E., Uintah County, Utah.

Gentlemen:

This letter is to confirm the verbal approval to drill the above mentioned well granted by Mr. Paul W. Burchell on September 24, 1965.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer Home: 277-2890 - Salt Lake City, Utah Office: 328-5771 - 328-5772 - 328-5773

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

It would be appreciated if this office could receive a unexecuted copy of the Unit agreement.

Very truly yours,
OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL CHIEF PETROLEUM ENGINEER

PWB:sch

cc: Rodney Smith, District Engineer
U. S. Geological Survey
Salt Lake City, Utah

CHANG F

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R856.5.
ND OFFICE Utah
EASE NUMBER 019461
UNIT Utal and Kine Federal

LESSEE'S MONTHLY REPORT OF OPERATIONS

Phone .				Lake 0165	City, Utal	1 841		ned(ent's title .	Distric*	t Geolog	Lst.
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	(If drilling, depth date and result	IARKS : if shut down, cau of test for gasoline at of gas)
		3 .		Mine	Spud 10-DST #1: SI 60 min OTS 20 m Recovered Flow preschydrostad DST #2: SI 60 min No OTS. and 20' 1 1983-1940 DST #3: SI 60 min test. Ro Flow preschydrostad DST #4: SI 60 min	3492- i. Op i. of 637! sures ie he 4280- i. Op Rec 1 OCM, and 4402- i. Ha c 135 sures ic he 5094- Op	Set 8-5/8 3516. Op w/good blo second flo second flo second flo second flo second flo second flo water, ve 41-270, s ad 1694-16 4304. Op w/fair blo Plow press building, k414. Op d fair blo MCW and 116-203, ad 2304-230 5124. Op w/very wk r 20 min.,	30 min., ow, conting to sing 1700 sures 58- ydrostat 30 min., o, decr t 346' salt shut-in I 34. 30 min., blo, die	SI 30 minued threall to come of oil essures. SI 30 minued sli MCO 101, shuic head SI 30 min o weak biwtr. ressures SI 30 minues	i., op 60 iout test aeasure. L. 1694-171 i., op 60 thruout i , blk, HI t-in pres 2271-227 i., op 60 Low at er 2074-207 a., op 60 tin. Re-	min., min., sect. pr min., nd of 4,
					of test. Flow pres	Rec sures ic he o TD	5' ali OCM 15-29, ahr ad 2709-27	tt-in pre			

NOTE.—There were ______ runs or sales of oil; ______ M cu. ft. of gas sold; ______ where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form approved. Budget Bureau No. 42-R	355.4.	۰
U.S. LAND ORFICE	litah	 5

U. S. LAND OFFICE	Utah
SERIAL NUMBER	019461
LEASE OR PERMIT	TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOC	ATE WEL	L CORRECT	LY					
		and the second of the second	The state of the s			and the second of the second o		
					and the state of t	Wildcat		
Well N	o. 1	Sec. 1	B_T9S_R	. 19E Meri	idian _ Salt	Lake C	CountyU	int ab
Location	on 2291	ft. $\left\{egin{smallmatrix} \mathbf{N} \cdot \\ \mathbf{S} \end{array} ight\}$ of	_3_ Line a	ad 3376 ft.	$\left\{ \begin{array}{l} \mathbf{R} \\ \mathbf{W} \end{array} \right\}$ of \mathbf{R}	Line of Sect	lon 13	Elevation 4717
TÌ	ne inform	ation give	n herewith is	a complet	e and corre	ct record of the	well and al	l work done thereo
so far	as can be	determine	d from all av		$\operatorname{cned} = $	divin L	9. L	hell
Doto	Novem	her 5. 16	65		* \	Title	Geologisi	
TI TI	re summs	rv on this	page is for t	he conditio	in of the we	l at above date	1 100	
) , 19_6
Our in	y.d :	in a fair than a second	Ö					
*		THE S		(D	enote gas by G			
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No. 2,	from	·	to :,,,;;,,		🚅), No. t	, from	to	
No. 3,	from		to		No. 6	, from	tc)
				MPORTA	nt Watei	R SANDS		
No. 1,	from		to		No. 3	, from	to)
No. 2,	from		to		No. 4	, from	tc	
	Mer. 10.	es se s		CAS	ING RECO	RD		
Size	Weight per foot	Threads p	Make	Amount	Kind of shoe	Cut and pulled fro	m From—	rated Purpose
		or myriting a	.G. 6 11: 31: d 2.10.	1222 80	tate kind of	orierial used, pasi		
	o rengents M eint	or the work	sac its result.	i facto w	ere ery cheng	the control of the ca	sing state jud	s of redr Ming, togother, and if are cosing version to an including the same in the cost of the cost o
3.8	is of this or	est Imour				CAS WELL		
			<i></i>				<u> </u>	SUREMAN SERVING TEMBRACOF
			MUDI	DING AND	CEMENT	ING RECORD		
Size casing	Where	set N	umber sacks of c	ment	Method used	Mud gravity	, Ai	nount of mud used
8-5/8"	234		175					
	[PLUGS	AND ADA	PTERS		
Heavir	ng plug	Material -			Length		Depth set	
Adapte	ers—Mat	erial			Size			
7				SHOO	TING REC	ORD		
Size	s	hell used	Explosive t	rsed	Quantity	Date Depth s	hot	Depth cleaned out
			100					

COLVE REEL

3,63

30.000

Mes horient

Thrends per

Survey Discoved No. 42-R. 68. 4.

U. S. LAND OFFICE
SURVEY NUMBER

LEASE OR PERMIT TO PROSEED TO

£.~~

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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		4.40	1.0	 1000	200 Television 18		the state of the first	1.0

Spud 10-7-65. Set 8-5/8" @ 234* awidth 475 cano	
νο ΣΕΣμ#1+ 3492-3516. το Op 30", SI 30", Op 60", SI 60".	
Op w/good ble, cont thruout test. GTS 20" of second flow,	rstv
10 1 Red 1637 wtr, very \$11 sho of oil 100 3 trout	
FP 41-270, SIP 1694-1714; HH 3694-1690 FIEE SAVIDS	
DST #2: 4280-4304, Op 30", SI 30", op 60", SI 60".	
Op w/fair blo and cont thruout tst. No CTS	
/ 5 Record 90 fluid being 170 sli MCO, blk // HPF, rand 20 HOCH	P P
PP 29-58, 58-101, SIP 1983-1940 and bldg., HH 2271-2271	
ust #3: 4402-4414; Op 30"; S1 30", op 60", S1 60".	
Had fair blo, deer to weak blo @ 1801 (1801 1801)	리아이는 그 등은 이 아름다.
rec 135 MCW and 346 app off GY8 SYMDS ON SOMES	소급하다 제 취임했다는 기뻐하다
DST #4: 5094-5124. Op 30", SI 30", op 60", SI 60".	
TOB WAVE WE WISD BUILDING TOP OF THE HE SIS FOR 20", th	
ogo very slibblo for remainder of test. Rec 5' sli OCM	
FP 15-29, STP 159-348, HH 2709-2709.	
The regretation given berewith is a complete and correct record of the well a family detection from all available records.	
secretion the thing of a Line and 32oft (V) of a line of	Elevation 11.
well No. The Section Trans. R. 1. Maridian Assistant Conuty	
	表示, 2. 数量数4.00 多00 cm - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
essor or Tract	
Joinpany Millian College and Address Address Anna Anthe	and the second contract of the second contrac
하는 일을 하지 않아 물리가 보는 어린 학문에 들어 내려야 한 문지가 말라고 말하다는 것이다. 나는 사람이	
FOCVLE METT CORRECULA	
	AL RESIDENCE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Amount

Kind of anot Eut and pulled from

830W	***	LULYI SELF.	Programme (Colored Colored Col	
		SORTIATI	CROSDA NO	
		Driller		Eriller,
		Della		Driller
	che, the per section			
	ca. it per 24 hou		Gollone granime per 1,000 co. ft. of gas	
emalaton;	O wason! way	% sediment	Cravity, Bé.	
7 The produ	esion for the first	# bours was	Line barrols of fluid of which 77, was oil,	16
			Put to producing	10
Cyble tools wer			64, 459)	feet
Rotary tools w	re used from	化 こうだんしょくいいしょう とくだい しん	is the feet, and from feet to	fect
		LCOX	s naso	
State Section 19	Total Book	super recing	terk kala kielen kank kapin dentag yan	
		The second state of the second	ic record	
Mapters—Mat	erisi	2		
Heaving plug—	Material	Lon	gth	
		PLUCS AN	D ADAPTERS	
Sing Wines	ret hizmher such	3 e : cemente M	that used Modgravity Amount of and use	
	*	UDDING AND C	ementing record	
	Election at the second	A new reservoir a contract of the contract of	Barton and the control of the contro	* At a second of the

STATE OF UTAH OIL & GAS CONSERVATION COMMISSION 348 EAST SOUTH TEMPLE SUITE 301 SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

——————————————————————————————————————	<u> </u>	~
Well Name & Number: Uteland	Mine Unit #1	
Operator The Shamrock Oil and G	es Corp. Address Salt Lake City	Phone 328-0165
Contractor Miracle and Wooste	Address Vernal	Phone_ 789-2661
Location <u>NE & SW</u> & Sec. 13	T. g R. 19 E Uintah	County, Utah.
Water Sands:	x	
<u>Depth</u>	<u>Volume</u>	Quality
From To	Flow Rate or Head	Fresh or Salty
¹ - 3500-3525	DST rec 637! wtr in 1 hr	salty - 9,300 ppm chl
² ° 4/15-4432	DST rec 346' wtr in 1 hr	salty - 52,000 "
3		
+。		
5.		
	(Continued on rever	se side if necessary)
Formation Tops: TGR 109	· ·	
"B" 346 DC 420	0 .	
Remarks: TW 541	0	

NOTE:

- (a) Upon diminishing supply of forms, please inform the Commission.
- (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
- (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Drillers Log: (Continued)

0 - 1760 Red-an sh and sand 1760 - 3400 oil shale 3400 - 5410 ay shale and sand 5410 - 5458 green-gy shale

Rule C-20 REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

DEPARTMENT OF THE INTERIOR

SUBMIT IN (Other instruction on reverse side)

Form approved.

Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

	GEOLOGICAL SURVEY	U-019461			
	SUNDRY NOTICES AND REPORTS (Do not use this form for proposals to drill or to deepen or pl Use "APPLICATION FOR PERMIT—" for su	6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
1.			7. UNIT AGREEMENT NA		
	OIL GAS WELL OTHER		Uteland Mine	Federal Uni	
2.	NAME OF OPERATOR		8. FARM OR LEASE NAM		
	The Shamrock Oil and Gas Corporation		Uteland Min	ne Unit	
3.	ADDRESS OF OPERATOR		9. WELL NO.		
	Box 11608, Salt Lake City, Utah 8411	il.	1		
	LOCATION OF WELL (Report location clearly and in accordance with		10. FIELD AND POOL, OF	R WILDCAT	
4.		a se ment a second	Wildcat		
	See also space 17 below.) At surface 2.291 from south line a	and 3,370' from			
		and 3,370' from	11. SEC., T., R., M., OR E SURVEY OR ARBA Sec. 13, T93, Salt Lake Mei	R19E,	
	At surface 2,291 from south line a		11. SEC., T., R., M., OR E SURVEY OR AREA Sec. 13, T9S,	R19E, ridian	
	At surface 2,291' from south line seast line	er DF, RT, GR, etc.)	11. SEC., T., R., M., OR E SURVEY OR ARBA Sec. 13, T9S, Salt Lake Me	R19E, ridian	
14.	At surface 2,291° from south line seast line PERMIT NO. 15. ELEVATIONS (Show whether	er DF, RT, GR, etc.)	11. SEC., T., R., M., OR E SURVEY OR ARBA Sec. 13, T9S, Salt Lake Me. 12. COUNTY OR PARISH Uintah	R19E, ridien 13. state	
14.	At surface 2,291° from south line ast line PERMIT NO. 15. ELEVATIONS (Show whether 4704 GR, 4717)	er DF, RT, GR, etc.) 7 KB Te Nature of Notice, Report, or	11. SEC., T., R., M., OR E SURVEY OR ARBA Sec. 13, T9S, Salt Lake Me. 12. COUNTY OR PARISH Uintah	R19E, ridien 13. state	
14.	At surface 2,291° From south line east line PERMIT NO. 15. ELEVATIONS (Show whethe 4704 GR, 4717 Check Appropriate Box To Indicate	er DF, RT, GR, etc.) 7 KB Te Nature of Notice, Report, or	11. SEC., T., R., M., OR E SURVEY OR ARBA Sec. 13, T93, Salt Lake Mo. 12. COUNTY OR PARISH Uintah Other Data	R19E, ridian 13. STATE Utah	
14.	PERMIT NO. 15. ELEVATIONS (Show whethe 4704 GR, 4717 Check Appropriate Box To Indicate Notice of Intention to:	er DF, RT, GR, etc.) 7 KB The Nature of Notice, Report, or SUBSE	11. SEC., T., R., M., OR E SURVEY OR ARBA Sec. 13, T93, Salt Lake Me. 12. COUNTY OR PARISH Uintah Other Data QUENT REPORT OF:	R19E, ridian 13. STATE Utah	
14.	PERMIT NO. 15. ELEVATIONS (Show whethe 4704 GR, 4717 Check Appropriate Box To Indicate NOTICE OF INTENTION TO: TEST WATER SHUT-OFF PULL OR ALTER CASING	er DF, RT, GR, etc.) 7 KB The Nature of Notice, Report, or Subsein Water Shut-off	11. SEC., T., R., M., OR E SURVEY OR ARBA Sec. 13, T93, Salt Lake Mo. 12. COUNTY OR PARISH Uintah Other Data QUENT REPORT OF: REPAIRING V	R19E, ridian 13. STATE Utah	
	PERMIT NO. 15. ELEVATIONS (Show whethe 4704 GR, 4717) Check Appropriate Box To Indicate NOTICE OF INTENTION TO: TEST WATER SHUT-OFF PULL OR ALTER CASING MULTIPLE COMPLETE	er DF, RT, GR, etc.) 7 KB Re Nature of Notice, Report, or SUBSE WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	11. SEC., T., R., M., OR E SURVEY OR ARBA Sec. 13, T93, Salt Lake Ma: 12. COUNTY OR PARISH Uintah Other Data QUENT REPORT OF: REPAIRING V ALTERING CA	R19E, ridian 13. STATE Utah VELL ASING NT*	

Plugged as follows:

30 sacks cement 4350-4250

30 sacks cement 3550-3450

30 sacks cement 1150-1050 30 sacks cement 250-150

10 sacks cement surface

Drilling mud between all plugs. TD 5445.

Completed as plugged and abandoned October 31, 1965.

18. I hereby certify that the foregoing is true and correct SIGNED all thomas	TITLE	District	Geologist	DATE _	November 2	, 1965
(This space for Federal or State office use)						
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE			DATE _		

A RHY CARD NID NIE

PLUGGING PROGRAM FORM

Name	of Company Manuel Verbal Approval Given To: Balfh Thoma
	Name: Meland Merre #/ Sec. 13 T. 95 R. 19 County: Mental
	al Approval was given to plug the above mentioned well in the following manner:
	TD 54587
	Greenren - Wasatel gan (transition)
	Greening - Wasare gar Colored and Solo - 100' - 4350-4250 - DST recurse oil 30sb - 100' - 4350-4250 - top goil shale to sand facier. 30sb - 100' - 3550-3450 - top of Irreman (1094)
	30 sp - 100 - 35 30 - 1050 - top of Greenry
	30 23 - 100 (1094)
	3021-100-950-150-
	16 st marke / mud between all plays

Date Verbally Approved: /// // 65 Signed: Saul M Bunckell